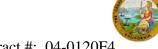
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-003864 Address: 333 Burma Road **Date Inspected:** 08-Sep-2008

City: Oakland, CA 94607

OSM Arrival Time: 1430 **Project Name:** SAS Superstructure **OSM Departure Time:** 2000 Prime Contractor: American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: Bo Tin Rui **CWI Present:** Yes No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A N/A **Oualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A N/A **Approved Drawings:** Yes No Approved WPS: Yes No Yes N/A **Delayed / Cancelled:** No

34-0006 **Bridge No: Component:** OBG

Summary of Items Observed:

Caltrans Quality Assurance (QA) Inspector, Mike Hasler was present to observe the fitup, welding and related activities associated with the fabricating of Caltrans Orthotropic Box Girder (OBG) and Tower, for the San Francisco Oakland Bay Self Anchored Suspension Bridge, at Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island.

Item Description WBS Dwg No. **Status** 1 Deck Panel NA NA OCMT/OAMT

OBG Bay 4: Caltrans QA observed ZPMC QC inspector perform magnetic particle/ testing per ZPMC notification of witness inspection, document number 00998. The subassembly is identified as DP515-001, weld 001, 002, 003, 004, 005 & 006, cover pass welds. ZPMC QC inspector, Mr. Wang Wei performed 100% MT coverage on the six welds. ZPMC QC inspector Mr. Wei, at the conclusion of the testing informed Caltrans QA inspector that no recordable indications were observed. Caltrans QA inspector performed 10% MT coverage on each of the six welds. The welds were in conformance with the project specifications. See Caltrans Magnetic Particle Test Report (TL-6028) dated September 08, 2008 for additional information. The following digital picture illustrates subassembly DP515-001 ZPMC QCMT inspection.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

As identified within the contents of this report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco, 138-1694-2685, who represents the Office of Structural Materials for your project.

Inspected By:	Hasler,Mike	Quality Assurance Inspector
Reviewed By:	Cuellar,Robert	QA Reviewer